



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
ICAR Central Coastal Agricultural Research Institute, Ela
North Goa



Agromet Advisory Bulletin

Date : 11-04-2023

Weather Forecast of NORTH-GOA(Goa) Issued On : 2023-04-11(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-04-12	2023-04-13	2023-04-14	2023-04-15	2023-04-16
Rainfall(mm)	1.0	1.0	5.0	8.0	3.0
Tmax(°C)	35.0	34.0	34.0	34.0	34.0
Tmin(°C)	26.0	26.0	25.0	25.0	25.0
RH-I(%)	75	82	87	93	92
RH-II(%)	39	37	44	44	35
Wind Speed(kmph)	8	8	8	8	8
Wind Direction(Degree)	153	162	225	135	225
Cloud cover(octa)	1	5	6	5	4

Weather Summary/Alert:

Weather Inference • The trough in easterlies from north Kerala to north Madhya Maharashtra now runs from north Kerala to south Madhya Maharashtra across interior Karnataka at 0.9 km above mean sea level. Weather Summary/ Alert • Light rain/Thundershowers very likely at isolated places during next 5 days • Haze likely in the morning at isolated places on 11th & 12th April 2023 • No large change in maximum temperature for next 4-5 days • Maximum & minimum temperatures are likely to be around 35°C & 25°C respectively Extended range forecast Week 1 (April 7th – April 13th) • Rainfall is very likely to be large excess • Maximum temperature is likely to be 1-2°C higher than normal • Minimum temperature is likely to be 0-1°C higher than normal Week 2 (April 14th – April 20th) • Rainfall is very likely to be large excess • Maximum temperature is likely to be 1-2°C higher than normal • Minimum temperature is likely to be 0-1°C higher than normal

General Advisory:

• Thunderstorm accompanied with lightning very likely at isolated places on 13th & 14th April 2023. Avoid working in open areas/fields, taking shelter under tall trees or structure while thunderstorms are taking place

SMS Advisory:

• Provide sufficient water and feed for the livestock and poultry birds

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	• Maintain the water level in the paddy fields upto 5cm • To control gundhi bug - Egg masses, nymph and adults can be collected (hand or using hand nets) and destroyed. Removal of grasses near the paddy fields • Possibility of incidence leaf folders in paddy. To control leaf folder in rabi paddy, hence early clipping of infested leaf tips along with removal of other weeds is recommended
GROUNDNUT	• To control the aphids, thrips and leaf miners spraying of spinosad @ 0.2 ml/litre of water can be done or apply NSKE 5% (neem seed kernel extract) • Yellow sticky traps

Crop(Varieties)	Crop Specific Advisory
	can be kept in the field for better monitoring of these sucking pests

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	<ul style="list-style-type: none"> • Light rain/Thundershowers very likely at isolated places during next 5 days. Hence possibility of fruit rot and fruit flies in mango • Covering the mango fruits on tree, 15 days prior to harvest with news or brown paper bags can control the fruit rot which is more common during transit and storage • Treat harvested fruits with hot water for 1 hr at 480 C to kill the fruit flies eggs present inside • Install at least 10 Methyl Eugenol (0.1% ie., about 0.3 ml) para pheromone traps per ha with nuvan to control fruit flies • Mulching of the tree basins should be done with the paddy straw or green/dried leaves to conserve moisture
CASHEW	<ul style="list-style-type: none"> • Light rain/Thundershowers very likely at isolated places during next 5 days, fallen cashew fruits can be collected and keep in safe places to avoid losses • Irrigate the orchards at 7 to 10 days interval • Mulching of the tree basins should be done with the paddy straw or green/dried leaves to conserve moisture • Take control measures against Tea mosquito bug by apply neem-based insecticides • Take control measures against Cashew Stem and Root Borer (CSR B). If the incidence is noticed, remove the grubs from the holes with the help of 15 mm chisel and apply Chlorpyrifos 20 EC @ 5 ml per liter of water on the stem (swabbing)
COCONUT	<ul style="list-style-type: none"> • Mulching of the tree basins should be done with the paddy straw or green/dried leaves to conserve moisture • Irrigation can be given to coconut palms in sandy soils at 4 days interval in basin method or daily through drip irrigation • To control mites, spraying of 2% neem-garlic emulsion or azadirachtin 10000 ppm @0.004% is recommended • To control white flies , application of 1% starch solution on leaflets to flake out the sooty moulds • In severe case, spray neem oil 0.5% and no insecticide is recommended • Installation of yellow sticky traps on the palm trunk to trap adult whiteflies
ARECANUT	<ul style="list-style-type: none"> • Mulching of the tree basins should be done with the paddy straw or green/dried leaves to conserve moisture • Irrigation can be given to arecanut palms in sandy soils at 4 days interval in basin method or daily through drip irrigation

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	<ul style="list-style-type: none"> • Due to forecast of thunderstorms and lightning keep animals indoor • Provide sufficient feed and water due to increase in temperature